



TB25N 新能源牵引车

New Energy Tractor

TB25N 新能源牵引车采用磷酸铁锂电池作为动力源，其结构形式为：前桥摆臂式独立悬挂，采用螺旋弹簧加筒式液压减震器组成的阻尼减震系统；后桥摆臂式非独立悬挂，采用双螺旋弹簧加双筒式减震器组成的阻尼减震系统。具有性能卓越、造型美观、驾乘舒适、无污染、低噪声、维修率低等优点，能广泛运用于机场、港口、车站、库房等场所的牵引作业。

The TB25N new energy tractor adopts the lithium battery as its power source. The tractor use damping shock absorber system in both front and rear axle. With excellent performance, beautiful modelling, comfortable driving, no pollution, low noise and maintenance rate, it can be widely used in airports, ports, railway stations, warehouses and other places.



产品特点 Product Features

- 采用螺旋弹簧加液压筒式减振器减振，让驾乘更加平顺性、舒适性；
- 采用锂离子电池做为动力，具有效率高、寿命长、无污染等特点；
- 采用知名品牌驱动电机和变速箱，具有低转速、高扭矩的特点；
- 车体采用非承载式的刚性车架，具有较好的平稳性和安全性；
- 采用高性能行车制动系统，具有极高的可靠性和安全性。
- Adopting large power drive motor, low speed and large torque transmission, the tractor enjoy strong power and energy saving.
- Using high-performance vehicle braking system, which ensure very high reliability and security.
- Adopting lithium battery as its power, high efficiency, long serve time and eco-friendly.
- Adopting damping shock absorber system, which improves the drive comfortable.
- Car body adopts the integral rigid frame, has a good stability and security.



TB25N Technical Parameter

| 特性 | | Characteristic | | |
|------|-----------------------|--------------------------------------|---------------------------------------|-----------|
| 1.01 | 型号 | Model | TB25N | |
| 1.02 | 动力形式 | Power Type | 蓄电池 Battery | |
| 1.03 | 额定牵引重量 | Rated Traction | kg | 32000 |
| 1.04 | 自重 | Service Weight | kg | 4500 |
| 尺寸参数 | | Dimension Parameter | | |
| 2.01 | 总长 (含牵引栓) | Overall Length | mm | 3165 |
| 2.02 | 总宽 | Overall Width | mm | 1440 |
| 2.03 | 总高 (含/不含警灯) | Height | mm | 2130/1998 |
| 2.04 | 轴距 | Wheelbase | mm | 1600 |
| 2.05 | 前悬距 | Front Overhang | mm | 730 |
| 2.06 | 后悬距 | Rear Overhang | mm | 830 |
| 2.07 | 轮距 (前/后) | Wheel Tread (F/R) | mm | 1235/1185 |
| 2.08 | 牵引挂钩高度 (下/上) | Towing Coupler Height (Under/On) | mm | 304.8/400 |
| 2.09 | 最小离地间隙 | Ground Clearance | mm | 120 |
| 2.10 | 最小转弯半径 | Turning Radius | mm | 3400 |
| 性能参数 | | Performance Parameter | | |
| 3.01 | 行驶速度 (满载/空载) | Travel (Loaded/Unloaded) | km/h | 10/20 |
| 3.02 | 前轴承载重量 | Front Axle Load | kg | 1500 |
| 3.03 | 后轴承载重量 | Rear Axle Load | kg | 3000 |
| 3.04 | 最大牵引力 | Max Drawbar Pull | kN | 21 |
| 3.05 | 6km/h 车速下最大牵引力 | Max Drawbar Pull @ 6km/h | kN | 13 |
| 3.06 | 续驶里程 | Mileage | km | 70 |
| 3.07 | 制动距离 (牵引25T 10km/h车速) | Braking Distance (Full Draw @10km/h) | m | ≤5 |
| 电动机 | | Motor | | |
| 4.03 | 额定功率 | Rated Output | kW | 23 |
| 4.04 | 额定扭矩 | Rated Torque | N·m | 106.5 |
| 4.05 | 额定转速 | Rated Speed | r.p.m | 2063 |
| 4.06 | 额定电压 | Rated Voltage | V | 55 |
| 4.07 | 额定电流 | Rated Current | A | 295 |
| 蓄电池 | | Battery | | |
| 5.01 | 类型 | Type | 磷酸铁锂电池 Lithium iron phosphate Battery | |
| 5.02 | 电压/容量 | Voltage/Capacity | V/Ah | 86/720 |
| 控制器 | | Controller | | |
| 6.01 | 工作电压 | Working Voltage | V | 80 |
| 6.02 | 最大工作电流 | Max Working Current | A | 540 |

Vehicle Dimensions

单位: mm

